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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen James Russell et al. Art Unit : 1632  
Serial No. : 09/667,947 Examiner : Shin-Lin Chen  
Filed : September 22, 2000  
Title : THERAPEUTIC METHODS AND COMPOSITIONS USING VIRUSES OF THE RECOMBINANT PARAMYXOVIRIDAE FAMILY

U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

**RESPONSE**

In response to the action mailed September 12, 2002, please amend the application as follows:

In the specification:

Please replace the paragraph at page 20, line 11 with the following amended paragraph:

--The specific sequence of amino acids in the protease cleavage site depends on the catalytic mechanism of the protease, which is defined by the nature of the functional group at the protease's active site, as discussed above. For example, trypsin hydrolyzes peptide bonds whose carbonyl function is donated by either a lysine or an arginine residue, regardless of the length or amino acid sequence of the polypeptide chain. Factor Xa, however, recognizes the specific sequence Ile-Glu-Gly-Arg (SEQ ID NO:1), but hydrolyzes peptide bonds between Arg-Thr and Arg-Ile. Thus, a protease cleavage site comprises at least 2, 3, 4, 5, 6, 7, 8, 9, or 10 or more amino acids. Optionally, additional amino acids can be present at the N-terminus and/or C-terminus of the recognition site.--

Please replace the table at page 21, line 18 with the following amended table:

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

December 12, 2002

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